

A NEW INDUSTRY.

Starch Manufacturing Possibilities
Brought to the Attention of
Potato Growers.

Oregon Agricultural College Corvallis, Feb. 26.—Professor H. D. Edder, of the Department of Agronomy, O. A. C., through whose investigations information on the potato starch manufacturing possibilities has been brought to the attention of the potato growers, recently returned from a trip to Crook County where he addressed the farmers on the subject of a potato starch factory. In an interview he made the following statement:

"For several years past the department of Agronomy has been giving considerable attention to the matter of developing new markets for Oregon potatoes including the possibilities for the successful manufacture of potato products. Through the efforts of the College, capital has become interested, and the situation in the state is being studied with the view of establishing a potato starch factory.

Prior to 1912, the market for Oregon potatoes was excellent. Since that time largely due to an excess production, prices have fallen off and the market has become very uncertain. This has so discouraged the growers that there is danger of this important agricultural industry suffering a serious relapse.

Potatoes are one of the most valuable cash crops the state produces under conditions throughout Oregon except at extreme elevations, are very favorable for profitable production. The crop is adapted to a very wide variety of farm conditions, and hence of interest to every farmer. Aside from their importance as a cash crop, potatoes are of great value indirectly in rotations for maintaining fertility, smothering weeds, and improving the soil. A steady market, however, is imperative if the crop is to be profitable grown.

"Through the use of the best cultural methods, proper rotation and selection of pure, disease-free, high-yielding seed, the Oregon farmer can compete with potato growers anywhere in the matter of yield, quality and cost of production. The only requirement, then, for the success of the industry is some method of regulating the relation of the supply to the demand, and thus maintain a steady market at good prices. The excess can be kept off the market and only table potatoes of uniformly high quality supplied to meet the demand, there will be little danger in future of a demoralized market such as we had in 1912 and the year before.

"The question then is whether the excess supply can be taken care of in some profitable way. After having given considerable study to this question, I am satisfied that the manufacture of potato products is the solution. In 1913 I presented this question to the Portland Chamber of Commerce and later also to the Oregon Manufacturer's Association. Since that time, capital has become interested and the establishment of a potato starch factory is now definitely planned.

"Such a factory, having a capacity of 100 tons of potatoes per day, will cost from \$20,000 to \$40,000 to establish and put into operation. At a price of from 20 to 30 cents per bushel, the farmer will receive a very profitable return from his culls which are now a dead loss. In years when the market for table potatoes is slow, due to over-supply, the crop could be very much more closely graded, only the highest quality being turned on to the market for table use and all of the excess shipped to the starch factory. Thus, the table market price may be maintained, for the starch factory offers a profitable return to the farmer for all of his excess crop. With the successful establishment of one factory, others will follow, so that the entire potato crop of Oregon may be fully taken care of.

"When the Oregon table crop can be closely graded, its high quality will command a premium on the west California market. The favorable soil and climatic conditions of Oregon, together with the use of better seed and production methods, will give the Oregon grower the advantage in competition over the growers of any other region.

"From the manufacturers' standpoint, the potato starch industry is very promising. Analyses of many samples of Oregon potatoes show them to have a range of from 18 to 25 per cent starch content, with an average of 20 per cent. It will be possible for the manufacturer to pay the farmer from 20 to 30 cents per bushel for his culls and excess potatoes and still make a business profit at the manufacturing end. The market for potato starch in the United States alone is very large, some 15,000 tons being consumed annually in the textile industry alone—the average price being 4 cents per pound. In Portland, Seattle, and Spokane some 2000 tons of starch are

consumed annually. This starch is now made from corn, which is inferior both for manufacturing and food purposes to the potato starch, and on which in addition the Northwest must pay the freight from the central states and send the money back to the farmers and manufacturers of that region. While the Northwest could readily consume the entire product from the proposed factory, the product will also be able to compete with that imported from Germany, which is now used in the Eastern states. New rates via the Canal in addition to the tariff on potato starch will permit the Northwest manufacturer to use the Eastern market profitably.

"A starch factory consuming 100 tons of potatoes per day will in the season's run of six months produce 2000 tons of starch. This will require 650,000 bushels of potatoes or the cull crop from approximately 15,000 acres yielding 160 bushels per acre—25 per cent of which are culls. The factory successfully used potatoes in practically any condition—those that are too large, too small, too green, diseased, frozen, or even rotten. Eventually with the successful manufacture of starch, the manufacture of potato glucose, potato flour, and potato flakes may be profitably undertaken. Points too distant from the factory to ship, may at low cost install green starch plants locally and ship the green starch to the central factory at a reduction of approximately two-thirds of the freight. With only one or two central factories, the use of subsidiary green starch plants would permit every section of the state to enjoy the advantage of this new market outlet for potatoes. I believe that in regions like the rich tidelands of Clatsop, Tillamook, and Coos counties, where very large yields of potatoes are possible at low cost per bushel, the entire crop can be raised profitably for starch manufacture alone, thus giving these localities a new industry.

"The greatest advantage of the factory, however, will be in that it will offer the farmer a profitable outlet for the culls and the excess crop, so that at all times only the highest grade of table potatoes will be turned on to the market, and thus the table market price will be maintained at a fairly steady level. In Germany, where some 150,000,000 bushels of potatoes are annually manufactured, the effect has been to practically eliminate variation in the price of the table crop from year to year. I am confident we can reach the same result here in Oregon.

"Every encouragement, therefore, should be offered the men who are endeavoring to start this new industry. It will prove profitable to both the grower and the manufacturer if they co-operate with each other in launching the project.

ORIENTAL EGGS ROLL IN.

The Oregon hen is going to have stronger competition than ever in the history of the state from the Brahma, Cochin and other fowls of the dreamy Orient, for Chinese eggs are being brought to Portland in greater number than ever before. They have appeared in the local retail markets, duly placarded with signs proclaiming their origin, and are being sold for from 15 to 25 cents a dozen, approximately 5 cents cheaper than Oregon eggs.

Due to the existing Democratic tariff laws, importers find an attractive field here, and are not slow to take advantage of it. The John Layton Company, an English concern, has established headquarters at 570 Gilliam street, and two shipments of 1000 cases each have just been made. These shipments total 60,000 eggs that have been placed in storage and are now being distributed. It is reported that further importations will follow as the trade justifies.

I. S. Holton, agent for the importers, says the process of selection of Chinese eggs has been perfected so that stock of excellent quality is obtained in China and shipped to Portland under such conditions that they arrive in better shape than Chinese eggs previously received.

"The first shipments of Chinese eggs to Portland were of inferior stock from Southern China, and insufficient care was taken in their shipment," said Mr. Holton, "so that they arrived in bad shape and naturally gave the Chinese egg a bad name. We are now getting eggs from North China. The eggs are graded before shipment, and each egg is wrapped in paper and packed in a separate compartment in the cases. The eggs will be sold strictly as Chinese eggs."

ADMINISTRATOR'S NOTICE.

In the County Court of the State of Oregon, for the County of Columbia.

In the Matter of the Estate of Edward Frederick Vosburg, Deceased.

Notice is hereby given that George B. Van Waters, the undersigned, has been duly appointed as administrator of the estate of Edward Frederick Vosburg, deceased, by the County Court of the State of Oregon for the County of Columbia, and has duly qualified for said trust. All persons having claims against said estate are hereby notified and required to present the same, duly verified and with proper vouchers, to said administrator at the office of George H. Shinn, Esq., President of the Columbia County Abstract Company, in St. Helens, in the County of Columbia, and State of Oregon, within six months from the date of this notice. Dated at St. Helens, Oregon, and first published February 26, 1915.

GEORGE B. VAN WATERS,

Administrator of the Estate of Edward Frederick Vosburg, Deceased.

NOTICE TO CREDITORS.

In the Circuit Court of the United States for the District of Oregon. In the matter of Mrs. J. M. Hanson, bankrupt.

No. 3212 in Bankruptcy. Notice is hereby given that on the 3rd day of February A. D. 1915, Mrs. J. M. Hanson, of St. Helens, Oregon, the bankrupt above named was duly adjudicated bankrupt; and that the first meeting of her creditors will be held at my office, Rooms 830-831 Northwestern Bank Building, Portland, Oregon, on the 3rd day of March, 1915, at 10:30 A. M., at which time said creditors may attend, prove their claims, appoint a trustee, examine the bankrupt, and transact such other business as may properly come before said meeting.

Claims must be presented in form required by the Bankruptcy Act, and sworn to.

The schedule filed discloses estimated assets of \$650.00.

A. M. CANNON,

Referee in Bankruptcy.

Dated February 19, 1915.

NOTICE OF SHERIFF'S SALE.

By virtue of an execution in foreclosure duly issued by the Clerk of the Circuit Court of the County of Columbia, State of Oregon, dated the 5th day of February, 1915, in a certain action in the Circuit Court for said County and State, wherein Estella M. Pope, as plaintiff, recovered judgment against G. W. Johnson and Mrs. Geo. W. Johnson, as defendants, for the sum of Four Hundred Fifty Dollars, and costs and disbursements taxed at One Hundred Sixteen and 95.100 Dollars, on the 5th day of February, 1915.

Notice is hereby given that I will on the 13th day of March, 1915, at the front door of the County Court House, in St. Helens, in said County, at 10 o'clock in the forenoon of said day, sell at public auction to the highest bidder, for cash, the following described property, to-wit:

Lots number (1) One, (2) Two, (21) Twenty-one, and (22) Twenty-two, in Block (93) Ninety-three, in St. Helens, Columbia County, Oregon.

Taken and levied upon as the property of the said G. W. Johnson and Mrs. Geo. W. Johnson or as much thereof as may be necessary to satisfy the said judgment in favor of Estella M. Pope against said G. W. Johnson and Mrs. Geo. W. Johnson, with interest thereon, together with all costs and disbursements that have or may accrue.

E. C. STANWOOD, Sheriff.

Dated at St. Helens, Ore., Feb. 10, 1915.

First publication Feb. 12, 1915. Last publication March 12, 1915.

SUMMONS FOR PUBLICATION IN FORECLOSURE OF TAX LIEN.

In the Circuit Court of the State of Oregon, for Columbia County.

Geo. H. Shinn, plaintiff vs. Charles Colean and also all other persons or parties unknown claiming any right, title, estate, lien or interest in the real estate described in the complaint herein, defendants.

To Charles Colean, the owner of the legal and recorded title of the real property herein described, as the same appears of record, and also all other persons or parties unknown claiming any right, title, estate lien or interest in the real estate described in the complaint herein, the above named defendant.

In the Name of the State of Oregon: You are hereby notified that Geo. H. Shinn, the holder of Certificate of Delinquency numbered 90, issued on the 3rd day of October, 1911, by the Tax Collector of the County of Columbia, State of Oregon, for the amount of Twenty-six and 34-100 (\$26.34) dollars the same being the amount then due and delinquent for taxes for the year 1910 together with penalty, interest and costs thereon

upon the real property assessed to you, of which you are the owner as appears of record, situated in said County and State, and particularly bounded and described as follows, to-wit:

The northwest quarter of the southwest quarter (NW 1/4 of SW 1/4) of Section Twenty-three (23) Township Five (5) North of Range Three (3) West of the Willamette Meridian, in Columbia County, State of Oregon.

You are further notified that said Geo. H. Shinn has paid taxes on said premises for prior and subsequent years with the rate of interest on said amounts as follows:

Year's tax, 1911, date paid, March 13, 1912, tax receipt No. 1742, amount \$25.03, rate of interest 12 per cent.

Year's tax, 1912, date paid, April 2, 1913, tax receipt No. 3012, amount (\$21.28, rate of interest 12 per cent.

Year's tax, 1913, date paid March 31, 1914, tax receipt No. 3326, amount, \$40.90, rate of interest 12 per cent.

Year's tax 1913, date paid September 29, 1913, fire patrol, amount \$1.20, rate of interest, 12 per cent.

Year's tax 1914, date paid, September 23, 1914, fire patrol, amount \$4.80, rate of interest, 12 per cent.

Said Charles Colean, as the owner of the legal title of the above described property as the same appears of record, and each of the other persons above named are hereby further notified that Geo. H. Shinn, who has filed his complaint in the above entitled Court for the foreclosure of said certificate of delinquency No. 90, will apply to the Circuit Court of the County and State aforesaid for a decree foreclosing the lien against the property above described, and mentioned in said certificate. And you are hereby summoned to appear within sixty days after the date of the first publication of this summons exclusive of the day of said first publication, and defend this action or pay the amount due as above shown together with costs and accrued interest, and in case of your failure to do so, a decree will be rendered foreclosing the lien of said taxes and costs against the land and premises above named.

This summons is published by order of the Honorable J. A. Eakin, Judge of the Circuit Court of the State of Oregon, for the County of Columbia, and said order was made and dated the 23rd day of December, 1914, and the date of the first publication of this summons is the 25th day of December, 1914.

All process and papers in this proceeding may be served upon the undersigned residing within the State of Oregon, at the address hereafter mentioned.

J. W. DAY,

Attorney for the Plaintiff.

Address Bank Building, St. Helens, Oregon.

NOTICE OF SHERIFF'S SALE.

By virtue of an execution duly issued by the Clerk of the Circuit

Court of the County of Columbia, State of Oregon, dated the 4th day of February, 1915, in a certain action in the Circuit Court for said County and State, wherein Frank Schmitt & Co., a corporation, as plaintiff, recovered judgment against W. E. Guild for the sum of Eighty-nine and 50-100 Dollars, on the 6th day of August, 1914.

Notice is hereby given that I will on the 13th day of March, 1915, at the front door of the Court House, in the City of St. Helens, in said County, at 10:00 o'clock in the forenoon of said day, sell at public auction to the highest bidder, for cash, the following described property, to-wit:

Lots numbered 6 and 17, in Block numbered 30, of the City of St. Helens, Columbia County, Oregon.

Taken and levied upon as the property of the said W. E. Guild, or as much thereof as may be necessary to satisfy the said judgment in favor of Frank Schmitt & Co., a corporation, against said W. E. Guild, with interest thereon, together with all costs and disbursements that have or may accrue.

E. C. STANWOOD, Sheriff.

Dated at St. Helens, Oregon, February 8th, 1915.

First publication, February 12, 1915.

Last publication, March 12, 1915.

SUMMONS.

In the Circuit Court of the State of Oregon for the County of Columbia.

Katherine M. Livingston, plaintiff, vs. Calvin Andrew Livingston, defendant.

Calvin Andrew Livingston, the above named defendant: In the name of the state of Oregon, you are hereby required to appear and answer the complaint filed against you in the above entitled court and cause, on or before the 20th day of January, 1915, which is six weeks after the 8th day of January, 1915, the date ordered for the first publication of this summons, and if you fail to so appear and answer, the plaintiff will apply for the relief prayed for in his complaint, to-wit: For a decree dissolving the marriage contract heretofore and now existing between the plaintiff and the defendant herein and restoring to plaintiff her maiden name of Katherine M. Schmidt, and her costs and disbursements incurred in the suit.

This summons is published by order of the Hon. J. A. Eakin, Judge of the above entitled court, made and entered on the 5th day of January, 1915.

DAN E. POWERS,

Attorney for Plaintiff.

913 Lewis Building, Portland, Ore.

1st Pub. January 8, 1915.

Last Pub. February 19th, 1915.

FIRE! FIRE! FIRE! FIRE!

See E. E. Quick in St. Helens and insure your property in the Oregon Fire Relief Association of McMinnville, Oregon. Don't put it off.

W. L. WARREN, Agt.

Three Pacific Coast states will lose \$250,000 gross earnings taxes by unregulated jitney bus competition.

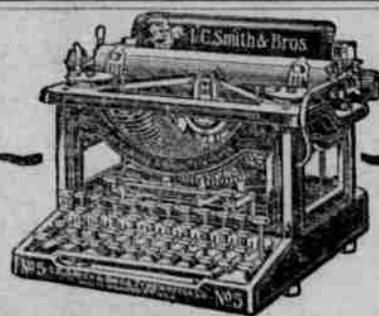


1915 FORD

Where are you going my happy man?
"I'm going to buy a car," said Ham.
So the son of Ham and Ham himself,
And Ham's son Ham, and Ham's
young elf,
Ham's cousin Kate and Uncle Mc-
Cord—
In fact the whole Ham family bought
a "Ford."

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ST. HELENS, OREGON



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